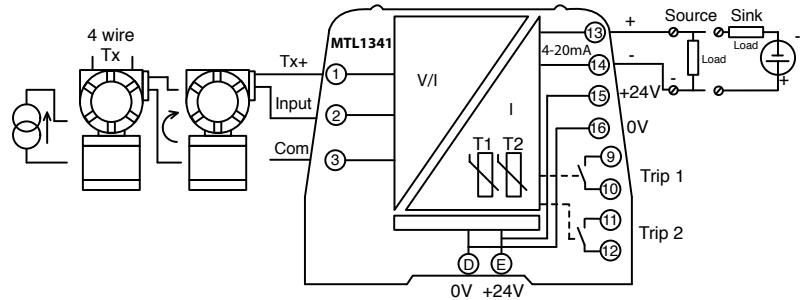


# MTL1341

## Transmitter repeater and Trip Amplifier

1 channel for 4-20mA  
analogue inputs with  
2 alarm outputs

The **MTL1341** converts 2 or 4 wire transmitter current inputs to 4-20mA in a source or sink mode. There are 2 trip amplifiers provided with high or low level settings. The module may be powered directly or via the PBUS17.5 power feed in the DIN rail



Terminals	Function
1	Transmitter power
2	Current input
3	Common
9	Trip 1 contact (NO)
10	Trip 1 contact
11	Trip 2 contact (NO)
12	Trip 2 contact
13	Output +
14	Output -
15, E	Power supply +ve
16, D	Power supply -ve

SPECIFICATION see also common specification	
Number of channels	One, with fully floating output
Location of transmitter	Safe area
Input and Output signal ranges	4-20mA
Under / overrange	0 to 23.5mA
Output load resistance (source mode)	@20mA 270Ω
Field input resistance terminals 2 and 3	<15Ω
Output voltage field power supply	>17V @20mA
Transfer Accuracy at 20 °C	0.2%
Temperature drift	<0.01% of span/°C
Relay characteristics	Contact rating: 250V ac, 2A cosØ >0.7, 340V dc, 2A resistive load
Current consumption	80mA max, 55mA typical @24V
Power dissipation	1.3Wmax with 20mA signal
Isolation	250V ac or dc between power, field and system circuits. (tested to 1100Vac)